

# INTERNATIONAL SEARCH REPORT

International Application No

PCT/JP2004/015675

**A. CLASSIFICATION OF SUBJECT MATTER**  
IPC 7 H01M8/02 H01M8/24

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 H01M

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EP0-Internal, WPI Data, PAJ

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
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X	EP 1 217 676 A (DELPHI TECHNOLOGIES, INC) 26 June 2002 (2002-06-26) paragraphs [0014], [0015] claims 13,14,20; figure 4	1-12, 60-71
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X	PATENT ABSTRACTS OF JAPAN vol. 1997, no. 06, 30 June 1997 (1997-06-30) - & JP 09 050819 A (FUJI ELECTRIC CO LTD), 18 February 1997 (1997-02-18) abstract; figures 7,8	1-13, 60-72
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☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

\* Special categories of cited documents :

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"P" document published prior to the International filing date but later than the priority date claimed

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"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

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"&" document member of the same patent family

Date of the actual completion of the International search

2 August 2005

Date of mailing of the International search report

17 08 2005

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	<p>HANDLEY C ET AL: "Impact of the European Union vehicle waste directive on end-of-life options for polymer electrolyte fuel cells"</p> <p>JOURNAL OF POWER SOURCES, ELSEVIER SEQUOIA S.A. LAUSANNE, CH,</p> <p>vol. 106, no. 1-2,</p> <p>1 April 2002 (2002-04-01), pages 344-352,</p> <p>XP004348708</p> <p>ISSN: 0378-7753</p> <p>page 2, left-hand column, last paragraph - right-hand column, paragraph 2</p> <p>page 3, right-hand column, paragraph 2.3</p> <p>figure 3</p>	36
A	<p>-----</p> <p>US 5 789 095 A (MIYAGAWA ET AL)</p> <p>4 August 1998 (1998-08-04)</p> <p>column 3, line 53 - column 4, line 35;</p> <p>figure 4a</p>	1-87
A	<p>-----</p> <p>PATENT ABSTRACTS OF JAPAN</p> <p>vol. 2002, no. 09,</p> <p>4 September 2002 (2002-09-04)</p> <p>&amp; JP 2002 151112 A (NISSAN MOTOR CO LTD),</p> <p>24 May 2002 (2002-05-24)</p> <p>cited in the application</p> <p>abstract</p> <p>-----</p>	1-87

# INTERNATIONAL SEARCH REPORT

Information on patent family members

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Patent document cited in search report		Publication date		Patent family member(s)	Publication date
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